



SPECIFICATION

New Patent Application- Continuation of 8/778087

Isokinetic Paint Brush Handles

65705 U.S. PTO
09/233805
03/10/98

Back Ground of the Invention: The movements of a painter require that he/she position his body to attitude (figure 1B, locus of pts 44) that allows him to present a brush with paint against the surface to be painted, with one arm extended and the hand cocked to an attitude that exposes the cut line to an eye visual sight line. Because the common brushes have handles large enough for only one hand, the reaching must be accomplished by the painter's body movements (figure 1B, locus of pt. 45).

Summary of the Invention: It is an object of the invention to provide a means for expanding the field of coverage (figure 1B, areas 48 and 49, figure 1A, areas 34, 40) at each location (figure 1B, locus of pts 45) with the additional control of 2 hands (figure 1A, locus of pts 35) coordinated with the sight line of cut (figure 1A, pts 37), considerably reducing the painter's body movements.

A more specific object is to provide paint brush handles that affix to paint brushes at the specific angle with the line of sight without obstructing the painter's view of the cut line, whereby said angle is not alterable (fixed) determined by the length of said handle.

Yet another object of the invention is to provide such 2 hand spacing equivalent to average elbow spacing on handles made continuous with the embodiment of the bristles.

Brief Description of the drawings: Figure 1 is a diagram representing the Isokinetic analysis and Figure 2 is a side elevation view of the embodiment of the shorter handle and said handle made continuous with the $\alpha = 0$ line - of - sight handle and Figure 3 is a side elevation of the larger, $\alpha > 0$ line - of - sight handle.

Alfredur

LOIS M. DAHLQUIST, Notary Public
My Commission Expires August 3, 2001

Lois M. Dahlquist
Notary

REPLACE BY SUBSTITUTE SPEC. BY EXMR. AND
660700-5082200

REPLACE WITH SUBSTITUTE SPEC BY EXMR. AMPT.

SHOT-508EE260

Description of the Preferred embodiment: Referring specifically to the drawings figure 2 is a tubing¹ of sufficient length to accept two hands spaced at least elbow distance. At one end is a hole² for hanging during storage and non- use. At the brush painting end is slot 3 of length to accommodate common one - hand paint brush handles. A flexible band 4 and a nut , bolt and washer, assembly 5 retain and orient the brush. The nut-bolt- washer assembly 5 pass through the common brush handle hole and the slot 3 of tube 1. The flexibility of tube 1 around the form of the common brush handle entrap the common brush against the pressure of band 4.

Figure 2A illustrates the fact that manufacturers of the common brush (one-hand) handle 6 can provide the spaced two-hand handle 7 during the brush production from the same material continuously.

Similarly Figure 3, a tube 10 with a storage hang hole 11 at one end and formed to accept larger common paint brushes at the opposing end; at an acute angle, $\alpha^\circ > 0$, in line-of-sight with the paint cut line.

The common paint brush is contained nested in fixed position with a bolt-washer-nut assembly 12 through the common brush handle hole and a band 13 around the common brush handle, EXTENDING THE HANDLE LENGTH TO ALLOW TWO-HAND GRIP AND CONTROL.

Again similar to figure 2A, an alternate embodiment of this invention is to continue the portion of the common brush ^{HANDLE} that contains the bristles, INCLUDING $\alpha^\circ > 0$.

Claims:

1. A painting tool comprising: Means for extending coverage during any fixed location of the painter, providing a means for fixed brush bristle orientation to line-of-sight control, by a means for spaced 2-hand directed control of line-of-cut.

Means for orientation of common paint brushes to Isokinetic optimization of coverage, line-of-sight, and hand spacing.

LOIS M. DAHLQUIST, Notary Public
My Commission Expires August 3, 2001

Alfred

Lois M. Dahlquist
Notary